

## Refine Search

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### Search Results -

Terms	Documents
L9 and (525/\$ or 526/\$ or 428/\$ or 523/\$ or 524/\$)	23

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**Database:**

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Search:**

Refine Search
Recall Text
C(P)
Interrupt

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### Search History

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**DATE:** Sunday, May 02, 2004    [Printable Copy](#)    [Create Case](#)

**Set Name** Query  
side by side

**Hit Count** Set Name  
result set

<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L11</u>	19 and (525/\$ or 526/\$ or 428/\$ or 523/\$ or 524/\$)	23	<u>L11</u>
<u>L10</u>	fluori\$6 polyols with(polyisocyanate or diisocyanate)	37	<u>L10</u>
<u>L9</u>	fluori\$6 polyols same(polyisocyanate or diisocyanate)	47	<u>L9</u>
<u>L8</u>	L7 and hydroxy polyols and isocyanate	0	<u>L8</u>
<u>L7</u>	fluori\$6 polyols and(polyisocyanate or diisocyanate)	77	<u>L7</u>
<u>L6</u>	fluori\$6 polyols	123	<u>L6</u>
<u>L5</u>	fluori\$6polyols	0	<u>L5</u>
<u>L4</u>	fluori\$6polyols and(polyisocyanate or diisocyanate)	0	<u>L4</u>
<u>L3</u>	fluori\$6polyols same (polyisocyanate or diisocyanate)	0	<u>L3</u>
<u>L2</u>	fluorinat\$4polyols same (polyisocyanate or diisocyanate)	0	<u>L2</u>
<u>L1</u>	fluorinat\$4polyols same (polyisocyanate or diisocyanate)	0	<u>L1</u>

END OF SEARCH HISTORY

## Hit List



### Search Results - Record(s) 1 through 10 of 23 returned.

1. Document ID: US 20030207119 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 23

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030207119

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030207119 A1

TITLE: Optical elements comprising a fluorinated surface treatment comprising urethane, ester or phosphate linkages

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Qiu, Zai-Ming	Woodbury	MN	US	
Jing, Naiyong	Woodbury	MN	US	

US-CL-CURRENT: 428/421

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMD](#) | [Drawn D](#)

- 
2. Document ID: US 20030190482 A1

L11: Entry 2 of 23

File: PGPB

Oct 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030190482

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030190482 A1

TITLE: Robust nontoxic antifouling elastomers

PUBLICATION-DATE: October 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brady, Robert F. JR.	Gaithersburg	MD	US	

US-CL-CURRENT: 428/423.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

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3. Document ID: US 20030113547 A1

L11: Entry 3 of 23

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113547

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030113547 A1

TITLE: Robust nontoxic antifouling elastomers

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Brady, Robert F. JR.	Gaithersburg	MD	US	

US-CL-CURRENT: 428/423.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

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4. Document ID: US 20030087104 A1

L11: Entry 4 of 23

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030087104

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030087104 A1

TITLE: Environmentally durable, self-sealing optical articles

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dhar, Lisa	New Providence	NJ	US	
Setthachayanon, Songvit	Longmont	CO	US	
Schnoes, Melinda	Longmont	CO	US	
Michaels, Mark David	Colorado Springs	CO	US	

US-CL-CURRENT: 428/422.8; 428/523

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawn D](#)

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5. Document ID: US 20030026997 A1

L11: Entry 5 of 23

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030026997  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030026997 A1

TITLE: Water-and oil-repellency imparting urethane oligomers comprising perfluoroalkyl moieties

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Qiu, Zai-Ming	Woodbury	MN	US	
Clark, John C.	White Bear Lake	MN	US	
Fan, Wayne W.	Cottage Grove	MN	US	

US-CL-CURRENT: 428/423.1; 525/123, 560/158

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RWOIC](#) | [Drawn D](#)

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6. Document ID: US 20020182410 A1

L11: Entry 6 of 23

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020182410  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020182410 A1

TITLE: Radiation curable oligomers containing alkoxylated fluorinated polyols

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Szum, David M.	Marengo	IL	US	
Murray, Kevin P.	Hoffman Estates	IL	US	
Zimmerman, John M.	Crystal Lake	IL	US	

US-CL-CURRENT: 428/375; 385/105

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RWOIC](#) | [Drawn D](#)

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7. Document ID: US 6680118 B2

L11: Entry 7 of 23

File: USPT

Jan 20, 2004

US-PAT-NO: 6680118  
DOCUMENT-IDENTIFIER: US 6680118 B2

TITLE: Radiation curable oligomers containing alkoxylated fluorinated polyols

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

8. Document ID: US 6582759 B1

L11: Entry 8 of 23

File: USPT

Jun 24, 2003

US-PAT-NO: 6582759

DOCUMENT-IDENTIFIER: US 6582759 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Optical elements comprising a fluorinated surface treatment comprising urethane, ester or phosphate linkages

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

9. Document ID: US 6391459 B1

L11: Entry 9 of 23

File: USPT

May 21, 2002

US-PAT-NO: 6391459

DOCUMENT-IDENTIFIER: US 6391459 B1

TITLE: Radiation curable oligomers containing alkoxylated fluorinated polyols

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

10. Document ID: US 6383651 B1

L11: Entry 10 of 23

File: USPT

May 7, 2002

US-PAT-NO: 6383651

DOCUMENT-IDENTIFIER: US 6383651 B1

TITLE: Polyester with partially fluorinated side chains

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

[General](#) | [Chemical Structure](#) | [Edit](#) | [View Record](#) | [Download](#) | [Change Status](#)

Terms	Documents
L9 and (525/\$ or 526/\$ or 428/\$ or 523/\$ or 524/\$)	23

Display Format: [-]

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## Hit List



### Search Results - Record(s) 21 through 23 of 23 returned.

21. Document ID: US 4841007 A

**Using default format because multiple data bases are involved.**

L11: Entry 21 of 23

File: USPT

Jun 20, 1989

US-PAT-NO: 4841007

DOCUMENT-IDENTIFIER: US 4841007 A

TITLE: Fluorinated polyetherurethanes and medical devices therefrom

DATE-ISSUED: June 20, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zdrhala; Richard J.	Dayton	OH		
Strand; Marc A.	Centerville	OH		

US-CL-CURRENT: 528/28; 428/694TF, 528/61, 528/65, 528/66

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIND](#) | [Drawn D](#)

- 
22. Document ID: US 4170687 A

L11: Entry 22 of 23

File: USPT

Oct 9, 1979

US-PAT-NO: 4170687

DOCUMENT-IDENTIFIER: US 4170687 A

TITLE: Planographic printing plate for dry printing

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIND](#) | [Drawn D](#)

- 
23. Document ID: JP 58141438 A

L11: Entry 23 of 23

File: JPAB

Aug 22, 1983

PUB-NO: JP358141438A

DOCUMENT-IDENTIFIER: JP 58141438 A

TITLE: MAGNETIC RECORDING MEDIUM

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIND](#) | [Drawn](#) | [Des](#)

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Terms	Documents
L9 and (525/\$ or 526/\$ or 428/\$ or 523/\$ or 524/\$)	23

**Display Format:** [-] [Change Format](#)

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## Refine Search

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### Search Results -

Terms	Documents
L12 and L7	1

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US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
**Database:** EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:	<input type="text" value="L13"/> <span style="float: right;"></span>	<span style="color: blue; font-weight: bold;">Refine Search</span> <span style="margin-left: 10px;"></span>
		<span style="color: blue; font-weight: bold;">Recall Text</span> <span style="margin-left: 10px;"></span>
<span style="color: blue; font-weight: bold;">Interrupt</span> <span style="margin-left: 10px;"></span>		

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### Search History

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**DATE:** Sunday, May 02, 2004    [Printable Copy](#)    [Create Case](#)

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L13	L12 and l7	1	<u><a href="#">L13</a></u>
L12	urethane oligomer same perfluoroalkyl	17	<u><a href="#">L12</a></u>
L11	19 and (525/\$ or 526/\$ or 428/\$ or 523/\$ or 524/\$)	23	<u><a href="#">L11</a></u>
L10	fluori\$6 polyols with(polyisocyanate or diisocyanate)	37	<u><a href="#">L10</a></u>
L9	fluori\$6 polyols same(polyisocyanate or diisocyanate)	47	<u><a href="#">L9</a></u>
L8	L7 and hydroxy polyols and isocyanate	0	<u><a href="#">L8</a></u>
L7	fluori\$6 polyols and(polyisocyanate or diisocyanate)	77	<u><a href="#">L7</a></u>
L6	fluori\$6 polyols	123	<u><a href="#">L6</a></u>
L5	fluori\$6polyols	0	<u><a href="#">L5</a></u>
L4	fluori\$6polyols and(polyisocyanate or diisocyanate)	0	<u><a href="#">L4</a></u>
L3	fluori\$6polyols same (polyisocyanate or diisocyanate)	0	<u><a href="#">L3</a></u>
L2	fluorinat\$4polyols same (polyisocyanate or diisocyanate)	0	<u><a href="#">L2</a></u>
L1	fluorinat\$4polyols same (polyisocyanate or diisocyanate)	0	<u><a href="#">L1</a></u>

END OF SEARCH HISTORY

## Hit List



### Search Results - Record(s) 1 through 10 of 17 returned.

1. Document ID: US 20030026997 A1

**Using default format because multiple data bases are involved.**

L12: Entry 1 of 17

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030026997

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030026997 A1

TITLE: Water-and oil-repellency imparting urethane oligomers comprising perfluoroalkyl moieties

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Qiu, Zai-Ming	Woodbury	MN	US	
Clark, John C.	White Bear Lake	MN	US	
Fan, Wayne W.	Cottage Grove	MN	US	

US-CL-CURRENT: 428/423.1; 525/123, 560/158

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RMD](#) | [Drawn D](#)

2. Document ID: US 20020042470 A1

L12: Entry 2 of 17

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042470

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042470 A1

TITLE: Degradable, amorphous, fluoroochemical acrylate polymers

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, George G.I.	Afton	MN	US	
Yandrasits, Michael A.	Hastings	MN	US	
Schulz, Jay F.	St. Paul	MN	US	

Flynn, Richard M.

St. Paul MN US

US-CL-CURRENT: 524/544, 427/162, 427/421, 427/428, 427/429, 427/430.1, 427/58,  
524/545, 524/546, 526/245, 526/249, 526/250, 526/253

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

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3. Document ID: US 6649719 B2

L12: Entry 3 of 17

File: USPT

Nov 18, 2003

US-PAT-NO: 6649719

DOCUMENT-IDENTIFIER: US 6649719 B2

TITLE: Degradable, amorphous, fluorochemical acrylate polymers

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

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4. Document ID: US 6365769 B1

L12: Entry 4 of 17

File: USPT

Apr 2, 2002

US-PAT-NO: 6365769

DOCUMENT-IDENTIFIER: US 6365769 B1

TITLE: Perfluoroalkyl halides and derivatives

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

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5. Document ID: US 6237717 B1

L12: Entry 5 of 17

File: USPT

May 29, 2001

US-PAT-NO: 6237717

DOCUMENT-IDENTIFIER: US 6237717 B1

TITLE: Noise insulating member having low degree of water and oil absorbency

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [RIMC](#) | [Drawn D](#)

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6. Document ID: US 6048952 A

L12: Entry 6 of 17

File: USPT

Apr 11, 2000

US-PAT-NO: 6048952

DOCUMENT-IDENTIFIER: US 6048952 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Perfluoroalkyl halides and derivatives

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)

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7. Document ID: US 5852148 A

L12: Entry 7 of 17

File: USPT

Dec 22, 1998

US-PAT-NO: 5852148

DOCUMENT-IDENTIFIER: US 5852148 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Perfluoroalkyl halides and derivatives

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)

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8. Document ID: US 5100954 A

L12: Entry 8 of 17

File: USPT

Mar 31, 1992

US-PAT-NO: 5100954

DOCUMENT-IDENTIFIER: US 5100954 A

TITLE: Soilresisting agent copolymer of fluorinated, unsaturated urethane and unsaturated monomer

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)

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9. Document ID: US 4792354 A

L12: Entry 9 of 17

File: USPT

Dec 20, 1988

US-PAT-NO: 4792354

DOCUMENT-IDENTIFIER: US 4792354 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Water and oil repellent having excellent desoiling properties

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)

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10. Document ID: JP 04141119 A

L12: Entry 10 of 17

File: JPAB

May 14, 1992

PUB-NO: JP404141119A

DOCUMENT-IDENTIFIER: JP 04141119 A

TITLE: FLARE-PROOF AND LIGHT-INSULATING CURTAIN

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn D.](#)



Terms	Documents
urethane oligomer same perfluoroalkyl	17

**Display Format:** [-] [Change Format](#)

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